

97 - 30-039-07484
114 - 30-039-02425

4557

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 33 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT 97, #114

cps 110w

Elevation 6662 Completion Date 6/29/72 Total Depth 700' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. N/A

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. ?

Type & amount of coke breeze used: 9600 lbs.

Depths anodes placed: 645', 639', 633', 627', 615', 609', 603', 597', 591'

Depths vent pipes placed: N/A

Vent pipe perforations: 625'

Remarks: gb #2

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

6.C.S

Ground Bed #2

Drilling Log (Attach Hereto). ☐

Completion Date 6-29-72

Well Name San Juan 29-7 # 97		Location SW 33-29N-7W		CPS No. 110 W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-52372-19-50-2	
Anode Hole Depth 700'	Total Drilling Rig Time	Total Lbs. Coke Used 9600	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 645	# 2 639	# 3 633	# 4 627	# 5 621	# 6 615
# 7 609	# 8 603	# 9 597	# 10 591		
Anode Output (Amps)					
# 1 2.0	# 2 3.0	# 3 3.2	# 4 3.2	# 5 3.6	# 6 3.8
# 7 2.8	# 8 2.5	# 9 2.1	# 10 1.6		
Anode Depth					
# 11 455	# 12 445	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11 4.4	# 12 4.2	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.8	Amps 10.2	Ohms 1.15			

Remarks: Driller said DAMP sand AT 590' - 600' WATER
STANDING AT 630' 6-26-72 = CONTRACTOR DID NOT HAVE
LONG ENOUGH ANODE leads. 6-28-72 = CONTRACTOR BROKE AND
DRIVING TO LOCATION 6-29-72 Driller Made up and
Circulated FIRST 10 ANODES slow To Respond to coke
Breeze Believe some mud was NOT displaced with pump
Pumped 450 SHOVELS VENT HOSE Perforated 625'
slurry 220 SHOVELS
All Construction Completed
Guarantee waived Due To insufficient
strata below water zone and
very weak water

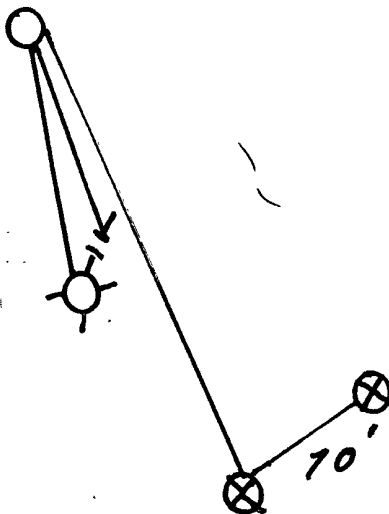
Paul H. Torrel
(Signature)

GROUND BED LAYOUT SKETCH

Pay 700' + 2 anchors

2904.00
62.00
49.00

3065.00



DAILY DRILLING REPORT

MORNING										DAYLIGHT										EVENING																			
CONTRACTOR										RIG NO.										REPORT NO.										DATE									
WELL NO. 97										MORNING										DAYLIGHT										EVENING									
Driller										Total Men In Crew										Driller										Total Men In Crew									
FROM										TO										FROM										TO									
FORMATION										WT-BIT										FORMATION										WT-BIT									
R.P.M.										R.P.M.										R.P.M.										R.P.M.									
590										590										590										590									
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SIGNED: Toolpusher:

Company: Supervisor:

SAN VUAN 29-7 1997

110W

X = 5.1 AMPS

MW	gas/mol
16 C ₁	6.4
30 C ₂	9.56
44 C ₃	10.42
58 C ₄	12.38
72 C ₅	13.95
86 C ₆	15.50
100 C ₇	17.2
114 C ₈	19.38
128 C ₉	21.64
142 C ₁₀	24.07

MW	MSC	gas/mol
44 CO ₂	5.18	
34 H ₂ O	5.17	
28 N ₂	4.16	
2 H ₂	3.28	

400	.6	80	.6	Driller said Pump sand @ 590-600			
	.7		.6	water standing @ 630'			
10	.6	90	.9	Filled with water hogged			
	.5		1.1	from 400' contractor did			
20	.8	600	1.2	not have long enough anode			
	1.0		1.7	leads 6-28-72 contractor			
30	1.0	10	1.6	Broke anode before getting			
	.9		1.4	to location. Driller mended			
40	1.1	20	1.8	up and circulated 6-29-72			
	1.4		1.9	Vent hose perforated @ 25'			
50	1.4	30	1.5	Slurry 220 shovels			
	1.4		1.5	Pump 450 shovels			
60	1.3	40	1.6	Depth	water	CO ₂	6-29-72
	1.1		1.1				6-30-72
70	1.0	50	.6	1	645	1.0	2.0 2.0
	.95		.6	2	639	1.4	3.0 3.0
80	.95	60	1.0	3	633	1.4	3.2 3.2
	.8		1.0	4	627	1.4	2.5 3.2
90	.4	70	.9 Bottom	5	621	1.5	1.6 3.6
	.2			6	615	1.8	1.8 3.8
500	.2	80		7	609	1.4	1.4 2.8
	1.0			8	603	2.0	2.0 2.5
10	.5	90		9	597	1.6	1.8 2.1
	.3			10	591	1.0	1.1 1.6
20	.5	700		11	455	2.2	3.7 4.4
	.8			12	445	2.2	3.6 4.2
30	.9			6-29-72 11.5 9.0A 1.28 ~			
	.8			6-30-72 11.8 10.2A 1.15 ~			
40	.8						
	.7						
50	.5						
	.4						
60	.4						
	.4						
70	.5						
	.6						